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PTO/SB/21 (09-04)

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Application Number	09/964,273	
Filing Date	September 26, 2001	
First Named Inventor	Sean Brynjelsen	
Art Unit	1615	
Examiner Name	P. A. Hawes	
Attorney Docket Number	CPIFT-5776 (3360-0004)	

	ENCLOSURES (Check all that apply)					
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC				
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences				
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)				
After Final Affidavits/declaration(s)  Extension of Time Request Express Abandonment Request Supplemental Information Disclosure Statement  Certified Copy of Priority Document(s)	Petition to Convert to a Provisional Application  Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer  Request for Refund  CD, Number of CD(s) Landscape Table on CD	Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below): - Forms PTO/SB/08A and /08B - Check # 21693 for \$180 - 37 cited references - Certificate of Mailing - Return Postcard				
Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53						
	TURE OF APPLICANT, ATTORNEY, OF Manzo, Cummings & Mehler, Ltd.	\ AOLIN				
Signature	MChe_					
Printed name Raymond M. Mehler	I Doo	No los sos				
Date October 3, 2005	Reg	i. No.   26,306				
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### Attorney Docket No. <u>CPIFT-5776 (3360-0004)</u>

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Drynjersen ee ar.	"Express Mail" Mailing Label No. EV643274581
Serial No.: 09/964,273	Date of Deposit October 3, 2005
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Examiner: P. A. Hawes	) NAME Portore Cosistanusti
Examiner: P. A. nawes	) NAME <u>Barbara Gesiakowski</u>
For: PREPARATION OF SUBMICRON	signature To about out
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- Information Disclosure Statement (3 sheets); 2.
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### ant to the Consolidated Appropriations Act, 2005 (H.R. 4818). RANSMITTAL

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Effective on 12/08/2004.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)180.00

Complete If Known				
Application Number	09/964,273			
Filing Date	September 26, 2001			
First Named Inventor	Sean Brynjelsen			
Examiner Name	P. A. Hawes			
Art Unit	1615			
Attorney Docket No.	CPIFT-5776 (3360-0004)			

METHOD OF PAYMENT (check all that apply)								
Check Credit Card Money Order None Other (please identify):								
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FEE CALCULATION								
1. BASIC FILING, SEA	ARCH, AND	EXAMINATIO	N FEES					
	FILING F	-	SEARCH I	<del>-</del>	EXAMINA	TION FEES		
Anntication Tune	_	mall Entity	F (A)	Small Entity	E (A)	Small Entity	F D. 11 (A)	
Application Type Utility	Fee (\$) 300	<u>Fee (\$)</u> 150	<u>Fee (\$)</u> 500	<u>Fee (\$)</u> 250	<u>Fee (\$)</u> 200	Fee (\$) 100	Fees Paid (\$)	
Design	200	100	100	50	130	65		
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2. EXCESS CLAIM FE		100	O	U	U	•	mall Entity	
Fee Description						Fee (\$)	Fee (\$)	
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3. APPLICATION SIZE								
	If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
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4. OTHER FEE(S)  Fee Paid (\$)								
Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement Fee 180.00								
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Signature Registration No. 26,306 Telephone 312-236-8500 (Attomey/Agent) Name (Print/Type) Raymond M. Mehler

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In re application of: Sean Brynjelsen et al.	) CERTIFICATE OF MAILING BY "EXPRESS MAIL"
Serial No.: 09/964,273	"Express Mail" Mailing Label: EV 643274581 US
03/301/2/3	Date of Deposit: October 3, 2005
Filed: September 26, 2001	I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office Box Addressee" service under 37 CFR 1.10 or
Examiner: P. A. Hawes	the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450
Art Unit: 1615	NAME Barbara Gesiakowski  (TYPED OR PRINTED)
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#### INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicants hereby call the Examiner's attention to documents listed on the attached forms, which documents may be material to the examination of this application. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

10/06/2005 HLE333 00000023 09964273

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Copies of the U.S. patents and U.S. patent publications are not enclosed pursuant to the Office's waiving of the requirement under 37 C.F.R. §1.98, paragraph (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication.

No inference should be drawn that any apparatus or method disclosed is equivalent to the subject invention. Also, the citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicants also respectfully reserve the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the present patent application.

This Information Disclosure Statement is being submitted after the mailing date of a first Office Action on the merits but before a final action or an action that closes prosecution under 37 C.F.R. § 1.97(c)(2). Consequently, a fee under §1.17(p) is required for the filing of this information disclosure, and is enclosed. If it is determined that an additional fee is required, then authorization is hereby granted to charge Deposit Account 50-1039 any additional fee required.

(A duplicate of this document is enclosed herewith.)

Date: October 3, 2005

Respectfully submitted,

ва: \_\_

Raymond M. Mehler, Esq.
Registration No. 26,306
Cook, Alex, McFarron, Manzo,
Cummings & Mehler, Ltd.
200 West Adams St., Suite 2850
Chicago, IL 60606

Telephone: (312) 236-8500 Attorneys for Applicant Under Panerwork Reduction Apt of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 09/964,273

Filing Date September 26, 2001

First Named Inventor Sean Brynjelsen

Art Unit 1615

Examiner Name P. A. Hawes

Attorney Docket Number CPIFT-5776 (3360-0004)

(Use as many sheets as necessary)
Sheet 1 of 4

**U. S. PATENT DOCUMENTS** Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where Initials<sup>1</sup> MM-DD-YYYY No. Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code<sup>2 (if known)</sup> Figures Appear 1 4.606.670 08/18/1986 Frank et al. 2 5,874,111 02/23/1999 Maitra et al. 3 6,063,138 05/16/2000 Hanna et al. 4 6,207,178 04/10/2001 Westesen et al. 5 6,462,093 10/08/2002 Miyamoto et al. 6 6,616,869 09/09/2003 Mathiowitz et al. 7 2003/0211083 11/13/2003 Vogel et al. 8 2004/0022861 02/05/2004 Williams 9 2004/0022862 02/05/2004 Kipp et al. 10 2004/0043077 03/04/2004 Brown 11 2004/0256749 12/23/2004 Chaubal 12 2005/0013868 01/20/2005 Brynjelsen et al. 13 2005/0037083 02/17/2005 Brynjelsen et al.

Examiner Signature	Date Considered		
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 09/964,273

Filing Date September 26, 2001

First Named Inventor Sean Brynjelsen

Art Unit 1615

Examiner Name P. A. Hawes

(Use as many sheets as necessary)

Sheet 2 of 4 Attorney Docket Number CPIFT-5776 (3360-0004)

			FOREIGN P	ATENT DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Appear, etc.	T⁵
	14	JP H2-30609	12/20/1990	Harmari Co. et al.		X
	15	Patent Abstract of JAPAN 02306902	12/20/1990	Harmari Sangyo		
	16	WO 92/17214 A2	10/15/1992	Ranney		
	17	WO 94/07999 A1	04/14/1994	Univ Brown Res Found		Г
	18	WO 95/33488 A1	12/14/1995	Quadrant Holdings Cambridge Ltd		T
	19	WO 97/03651 A1	02/06/1997	Danbiosyst UK		T
	20	WO 97/41837 A2	11/13/1997	Alkermes Inc		r
	21	WO 98/01162 A2	01/15/1998	Univ Johns Hopkins		T
	22	WO 98/14170 A1	04/09/1998	Sloan Kettering Inst		T
	23	WO 98/24450 A1		Nilsson		T
	24	WO 99/39700 A1	08/12/1999	Vectorpharma SPA		T
	25	WO 99/59550 A1	11/25/1999	Lipsome Co		T
	26	WO 00/06152 A1	02/10/2000	Novopharm Biotech Inc		T
	27	WO 01/21154 A2 WO 01/21154 A3	03/29/2001	RTP Pharma Inc		Γ
	28	WO 02/82074 A1	10/17/2002	Chiron Corp		T
	29	WO 03/45330 A2	06/05/2003	Onyuksel et al		T
	30	WO 03/45660 A1	0 6/05/2003	BTG Int Ltd		T
	31	WO 04/103348 A2 WO 04/103348 A3	12/02/2004	Baxter International		
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Application Number	09/964,273	
Filing Date	September 26, 2001	<del></del>
First Named Inventor	Sean Brynjelsen	
Art Unit	1615	
Examiner Name	P. A. Hawes	
Attorney Docket Number	CPIFT-5776 (3360-0004)	

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	32	Kinman et al., "Lipid-Drug Association Enhanced IHV-1 Protease Inhibitor Indinavir Localization in Lymphoid Tissues and Viral Load Reduction: A Proof of Concept Study in HIV-2 <sub>287</sub> -Infected Macaques", Journal of Acquired Immune Deficiency Syndrome, 34(4), pp. 387-397		
	33_	Limoges et al., poster presentation, 11th Conference on Retroviruses and Opportunistic Infections, February 8-11, 2004.		
	34	Moghimi et al., "Long-Circulating and Target-Specific Nanoparticles: Theory to Practice", Pharmacological Reviews, 53, pp. 283-318, 2001.		
	35	Nesbit et al., "In Vitro and Animal Models of Human Immunodeficiency Virus Infection of the Central Nervous System", Clinical and Diagnostic Laboratory Immunology, 9(3), pp. 515-524, May 2002.		
	36	Nottet et al., "HIV-1 Entry into Brain: Mechanisms for the Infiltration of HIV-1 infected Macrophages Across the Blood-Brain Barrier", The Neurology of AIDS, p. 55, 1998.		
	37	Perno et al., "Relative Potency of Protease Inhibitors in Monocytes/Macrophages Acutely and Chronically Infected with Human Immunodeficiency Virus", The Journal of Infectious Diseases, 178, pp. 413-422, 1998.		
	38	Sawchuk et al., "Investigation of distribution, transport and uptake of an anti-HIV drugs to the central nervous system", Advanced Drug Delivery Reviews, 39, pp. 5-31, 1999.		
	39	Solas et al., "Discrepancies between Protease Inhibitor Concentrations and Viral Loan in Reservoirs and Sanctuary Sites in Human Immunodeficiency Virus-Infected Patients", Antimicrobiology Agents and Chemotherapy, 47 (1), pp. 238-243, January 2003.		
	40	Shrayer, et al., "Ceramide, a mediator of apoptosis, synergizes with paclitaxel to induce regression of the L 3.6 human pancreatic carcinoma implanted in SCDI mice", Journal of Clinical Oncology, Vol. 22, No. 14S, Abstract, 2004:2135.		
	41	Schroeder et al., "Distribution of Radiolabeled Subvisible Microspheres after Intravenous Administration to Beagle Dogs", Journal of Pharmaceutical Sciences, Vol. 67, No. 4, pp. 504-507, April 1978.		

Examiner	Date	·
Signature	Considered	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attorney Docket Number	CPIFT-5776 (3360-0004)	ブ			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	42	Allen e al., "Large unilamellat liposomes with low uptake into the reticuloendothelial system", FEB, Vol. 223, No. 1, pp. 42-46, 1987.	
		Allen et al., "Effects on the murine mononuclear phagocyte system of chronic administration of liposomes containing drug or lipid A compared with empty liposomes", Can. J. Physiol. Pharmacol., Vol. 65, pp. 185-190, 1987.	-
	44	, pp. 575 545.	
	45	Bender et al., "Efficiency of Nanoparticles as a Carrier for Antiviral Agents in Human Immunodeficiency Virus-Infected Human Monocytes/Macrophases In Vitro", Antimicrobial Agents and Chemotherapy, 40(6), pp. 1467-1471, June 1996.	
	46	H. von Briesen, "Controled Release of Antiretroviral Drugs", AIDS Rev., 2, pp. 31-38, 2000.	
	47		
		Crowe, et al., "The contribution of monocyte infection and trafficking to viral persistence, and maintenance of the viral reservoir in HIV infection", Journal of Leukocyte Biology, Vol. 74,	
	49	Fischer-Smith et al., CNS invasion by CD14+/CD16+ peripheral blood-derived monocytes in HIV dementia: perivascular accumulation and reservoir of HIV infection", Journal of NeuroVirology, 7, pp. 528-541, 2001.	-
		Igarashi et al., "Macrophage are the principal reservoir and sustain high virus loads in rhesus macaques after the depletion of CD4+ T cells by a highly pathogenic simian immunodeficiency virus/HIV type 1 chimera (SHIV): Implications for HIV-1 infections of	
	50	humans", PNAS, 98(2), pp. 658-663, January 16, 2001.	

Examiner	Date	
Signature	Considered	ļ

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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